

*(4) A brief description of the circuit functions of the device along with a statement describing how the device operates. This statement should contain a description of the ground system and antenna, if any, used with the device.*

The device in question is a 433.92 MHz radio-frequency hand-held remote control transmitter, used for adjusting the projected lines of a patient positioning laser. The transmitter is used in conjunction with a receiver, which is hard-wired to the laser.

The transmitter contains a circuit board utilizing a LINX TXM-433-LR-S RF module. The RF module is connected to a board-mounted LINX ANT-433-SP2 grounded line planar antenna. The antenna is soldered to the circuit board adjacent to and electrically connected to a ground plane measuring 2.4" x 2.2" on the bottom side of the circuit board within the hand-held remote control transmitter.